Original / Duplicate / Triplicate

No. 1st & Final Bill

Division : DD

CONTRACT CERTIFICATE

For Minor Works

Sub Division : DD

Bill No. ... Date ... To ...

Scheduled Docket No. ...

Cash Book Voucher No. ... Dated ...

Head of Account ...

Name of work (as per Sanctioned Estimate) IMPROVEMENTS TO ROADS AND DRAINS AT 3RD MAIN ROAD AND 9TH CROSS MANJUNATHANAGARA IN WARD NO.14 BAGALGUNTE

Name of Contractor and full address M/S KRIDL

Reference to agreement No. BBMP/EE.DD/WO/ 2017-18

Certified that the measurement were taken by me on 19/3/2018 and recorded on Page No. 56234 to 56235 of Measurement Book No. 5694 and that the work is satisfactorily executed

Date ...

Contractor

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Officer-in-charge of work

Certified that the above account were checked by me on 17/3/18 and found correct The work is satisfactorily executed. Materials to the extent shown in column 3 of Account if have been actually brought to the of work and the contractor has not previously received any advance on this security. These Materials are of an imperishable nature and are all required by the contractor for immediate use on the working connection with items for which rates for finished work have been agreed upon. A formal agreement signed and executed by the contractor is recorded in the office.

JOB CODE NO : 014-18-000050

If Memorandum of Payment

1.	Total value of work done or supplies made as per Account with in	Sub-Division Office
2.	Deduct amount to be held in reserve being ... percent Rs. ...	
3.	Balance	
4.	Deduct Payments	
	a) Amount of Previous Payment as in the Office cash Book Vr. No. ... Dated ... C.D.No.	1st and Final Bill → 4991901=00
	b) Payments ... cost of store or other materials supplied	IT → 99838=00
	Now Made Recovery of amount Creditable to his / other work	FSD → 249595=00 (H)
	Amount paid on this bill by cheque / cash.	LR → 67988=00
		LWC → 49919=00
		CBF → 4992=00
		4472332=00
5.	Balance being unpaid value of work done held in reserve	
6.	Deduct cash advance made on the Office Cash Book Vr. No. ... Dated ... less adjustment	
7.	Net amount due to or from contractor	
	Unadjustment Items	
8.	Advance to contractor for materials brought site (as detailed) within value of Government materials supplied	
	Total Amount adjusted	4519569=00

Contractor's Signature

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Received Rs. ... in words ...

... by cash and by adjustment at Payment as per memorandum.

(In final settlement of contract)

(For use in the Office)

Witnesses :

1.

2.

Dated ...

Paid by me by cheque No. ... Dated :

Cash Rs. ... Dated :

Stamp

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Signature of Contractor

Passed and admitted for Rs. 4991901=00

Rs. 4519569=00 by Cheque for Rs. ...

4472332=00

By Bill

Executive Engineer

Assistant Superintendent

Exe. Engineer

B.M.P. Dasarahalli Division

Initials of Officer making payment

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No	Description	Unit	Previous Measurement		Present Measurement			Total Up-to-date		Remarks
			Qty	Cost	Qty	Rate	Cost	Qty	Cost	
1	Excavation for road, drains and similar works -KSRRB 300-1. Earthwork excavation by manual means in Ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications.	Cum			1,144.36	86.92	99,468.00	1,144.36	99,468.00	
2	Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, (which includes cost of gravel / murrum, watering charges & compaction by vibratory roller) MORTH Specification	Cum			1056.10 1,064.25	320.12	3380779=00 3,40,688.00	1056.10 1,064.25	3380779=00 3,40,688.00	
3	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @180 kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum			31.32	5,159.02	1,61,581.00	31.32	1,61,581.00	
4	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications.	Sqm			688=00 696.00	310.58	2136779=00 2,16,164.00	688=00 696.00	2136779=00 2,16,164.00	
5	Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008- i) Upto 5 m height.	Cum			65.25	6,965.26	4,54,483.00	65.25	4,54,483.00	
6	Supplying, fitting and placing TMT bar Fe 500 reinforcement in sub-structure complete as per drawing and Technical Specifications complete as per specifications	Tonne			5.17	66,482.14	3,43,713.00	5.17	3,43,713.00	
7	Supplying and fixing precast rainforced concee slab 10cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical fc^ to get plain even surface stc. complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials.	Sqm			156.60	1,698.00	2,65,907.00	156.60	2,65,907.00	
8	For Grading 1 material construction of granular sub-base by providing coarse graded crushed stone aggregates of Granite/ trap/basalt material spreading in uniform layers with motir grader on prepared surface mixing by a mix in place method with rotawater at OMC, and Compacting with vibratory roller to achieve the desired density, complete as per specifications.by mix in a Place method for course Graded Granular Sub Base Material as per 400-2 for grading I material	Cum			236.10 236.50	1,518.98	358631=00 3,59,239.00	236.10 236.50	358631=00 3,59,239.00	
9	Providing, laying, spreading and compacting graded stone aggregates to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. Specification No. 406 with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work.	Cum.			543.95	1,768.08	9,61,747.00	543.95	9,61,747.00	
10	Providing and applying primer coat with S.S. Bitumen emulsion on prepared surface of granular base such as WBM, WMM including clearing of road surface and spraying primer at the rate of 0.6 kg / sqm using mechanical means complete as per specifications, with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work	Sqm			2,365.00	27.56	65,179.00	2,365.00	65,179.00	
11	Providing and applying tack coat on the prepared black topped surfaces at 5kg per 10 sqm, heating bitumen in boiler fitted with spray set (Excluding cleaning of road surface) including cost of all Materials, labour, HOM of machineries complete as per specifications.				2,365.00	11.66	27,576.00	2,365.00	27,576.00	

Bhadargar
17/3/18

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Sl No	Description	Unit	Previous Measurement		Present Measurement			Total Up-to-date		Remarks
			Qty	Cost	Qty	Rate	Cost	Qty	Cost	
12	Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant 40 tonne capacity, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, 50/75mm compacted thickness with 3.3% bitumen but excluding the cost of primer/tack coat with lead incl. cost of all materials, labour, HOM of machineries complete as per specifications with 80/100 grade bitumen using 40/60TPH capacity H.M.P with Mechanical paver Gr II (50/75mm) with 3.3% VG-30 Bitumen as per the directions of Engineer-in charge of the work	Cum			118.25	5,129.34	6,06,544.00	118.25	6,06,544.00	
13	Providing and laying bituminous concrete with hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder and filter transporting the hot mix to work site laying with paver finisher to tr required grade, level and alignment, rolling with smooth wheeled vibratory and tandem rollers to achieve the desired compaction as per MORTH Specification clause no 500.9 complete in all respects complete as per specification no 509, using 40/60 TPH Capacity H.M.P With Mechanical paver Gr-II (30 mm to 45 mm) with 6% VG-30 Bitumen	Cum			70.95	7,083.98	5,02,608.00	70.95	5,02,608.00	
14	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading	Cum			1,144.36	85.65	98,014.00	1,144.36	98,014.00	
	TOTAL						45,02,911.00	0	45,02,911.00	
	Add 11% KRIDL Charges						4,95,320.21	0	4,95,320.21	
	TOTAL						49,98,231.21		49,98,231.21	

Certificate
(1) Work done is Satisfactory
(2) There are no deportmental Demands to be Cantin
(3) Contractor has cleared all debts/liens, if any

12/3/21